

Title (en)

BATTERY CELL AND MONITORING DEVICE FOR ASSEMBLED BATTERY

Title (de)

BATTERIEZELLE UND ÜBERWACHUNGSVORRICHTUNG FÜR EINE MONTIERTE BATTERIE

Title (fr)

PILE ET DISPOSITIF DE CONTRÔLE POUR PILE ASSEMBLÉE

Publication

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Application

EP 09817342 A 20090930

Priority

- IB 2009006999 W 20090930
- JP 2008258811 A 20081003
- JP 2009154990 A 20090630

Abstract (en)

[origin: WO2010038136A1] A battery cell includes a power generating element, an electrode connected to the power generating element and configured to electrically connect the power generating element to outside, and an exterior member configured to cover the power generating element. The exterior member includes an insulating layer and a conductive layer, and the conductive layer includes a connection section electrically connected to the outs.

IPC 8 full level

H02J 7/00 (2006.01); **G01R 31/36** (2006.01); **H01M 2/02** (2006.01); **H01M 2/10** (2006.01); **H01M 10/48** (2006.01); **H01M 16/00** (2006.01)

CPC (source: EP KR US)

G01R 31/396 (2018.12 - KR); **H01M 10/4207** (2013.01 - EP KR US); **H01M 10/48** (2013.01 - KR); **H01M 10/482** (2013.01 - EP KR US); **H01M 16/003** (2013.01 - EP KR US); **H01M 50/204** (2021.01 - KR); **H01M 50/258** (2021.01 - KR); **H02J 7/0025** (2020.01 - KR); **H02J 7/0048** (2020.01 - KR); **G01R 31/396** (2018.12 - EP US); **H02J 7/0025** (2020.01 - EP US); **H02J 7/0048** (2020.01 - EP US); **Y02E 60/10** (2013.01 - EP KR); **Y02E 60/50** (2013.01 - EP KR)

Citation (search report)

- [X] US 2005083021 A1 20050421 - MAHON PETER J [AU]
- [A] US 5849426 A 19981215 - THOMAS GEORGE [US], et al
- [A] JP H10294135 A 19981104 - HITACHI MAXELL
- [A] US 2006247715 A1 20061102 - YOUKER NICK A [US]
- See references of WO 2010038136A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010038136 A1 20100408; BR PI0920748 A2 20180626; CN 102171907 A 20110831; CN 102171907 B 20140312; EP 2332230 A1 20110615; EP 2332230 A4 20130123; JP 2010108909 A 20100513; JP 5521409 B2 20140611; KR 101224704 B1 20130121; KR 20110053255 A 20110519; RU 2011117278 A 20121110; RU 2474026 C2 20130127; US 2011135980 A1 20110609; US 8563152 B2 20131022

DOCDB simple family (application)

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